

# Abstracts

## Balanced V-Band DC-Biased Mixer with Wide (12-GHz) RF/IF Bandwidth

---

*P. Meier. "Balanced V-Band DC-Biased Mixer with Wide (12-GHz) RF/IF Bandwidth." 1990 MTT-S International Microwave Symposium Digest 90.1 (1990 Vol. I [MWSYM]): 427-430.*

This paper describes the design and performance of the first balanced dc-biased millimeter-wave mixer with a wide (12-GHz) instantaneous RF/IF bandwidth. Relative to the prior art, the new mixer requires less LO drive and yet provides the superior IM suppression provided by a balanced design.

 [Return to main document.](#)